

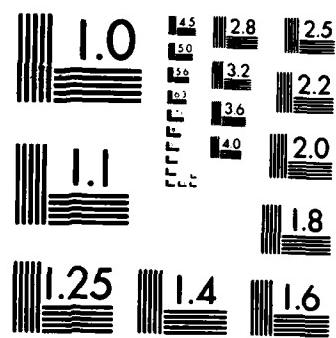
AD-A151 028 NATIONAL PROGRAM FOR INSPECTION OF NON-FEDERAL DAMS OLD 1/1
PUMPING STATION D. (U) CORPS OF ENGINEERS WALTHAM MA
NEW ENGLAND DIV 1984

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER MA 00135	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Old Pumping Station Dam		5. TYPE OF REPORT & PERIOD COVERED INSPECTION REPORT
NATIONAL PROGRAM FOR INSPECTION OF NON-FEDERAL DAMS		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DIVISION		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS DEPT. OF THE ARMY, CORPS OF ENGINEERS NEW ENGLAND DIVISION, NEEDED 424 TRAPELO ROAD, WALTHAM, MA. 02254		12. REPORT DATE
		13. NUMBER OF PAGES 05
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) S E L E C T MAR 8 1985 A		
18. SUPPLEMENTARY NOTES Cover program reads: Phase I Inspection Report, National Dam Inspection Program; however, the official title of the program is: National Program for Inspection of Non-Federal Dams; use cover date for date of report.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) DAMS, INSPECTION, DAM SAFETY, Middlesex County Ayer, Mass.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Old Pumping Station Dam is a stone masonry structure which impounds Cold Spring Brook, forming Balch Pond. Balch Pond has a storage capacity of 60+ a-f at elevation 126, top of dam. The dam has a small size classification and a low hazard potential.		

MIDDLESEX COUNTY
AYER, MASSACHUSETTS

(1)

OLD PUMPING STATION DAM
MA-00135



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distribution is unlimited.

NATIONAL DAM INSPECTION PROGRAM
CORPS OF ENGINEERS

A-1

OLD PUMPING STATION DAM

Identification No.: MA 00135

Stream: Cold Spring Brook

Town: Ayer

County and State: Middlesex County, Massachusetts

The Old Pumping Station Dam, a stone masonry structure, is owned by the Town of Ayer. It impounds Cold Spring Brook, forming Balch Pond. Balch Pond has a storage capacity of 60± a-f at elevation 126, top of dam. Inflow to Balch Pond from Flannagan Pond and Snady Pond is restricted by railroad and roadway embankment culverts.

According to Corps guidelines, this dam has a small size classification and a low hazard potential. There are no habitable structures near the Cold Spring Brook which could be damaged by the maximum failure outflow of 575 cfs. The downstream brook channel and flood plains would easily dissipate this flow.

PROJECT LOCATION

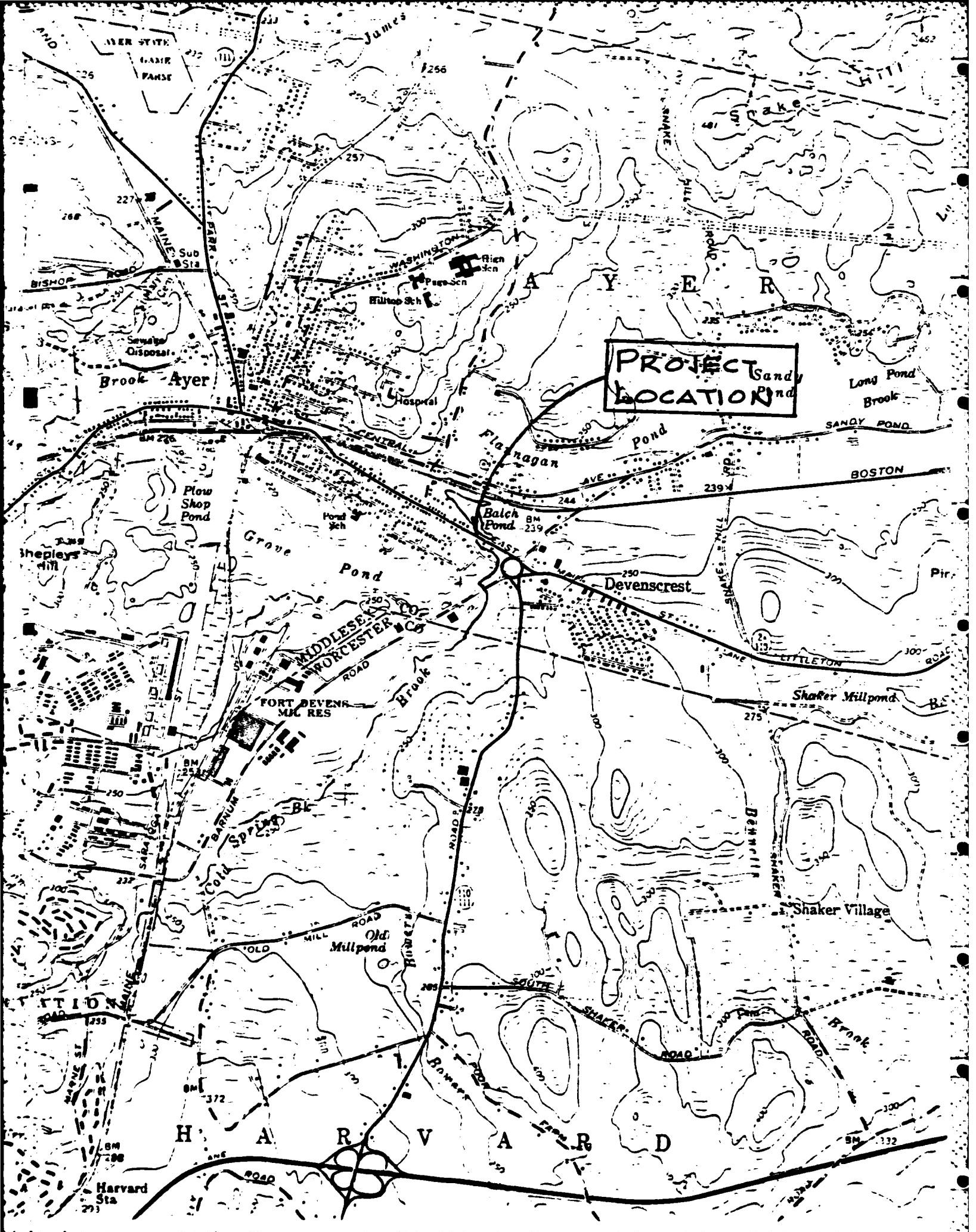




PHOTO NO. 1 - This photograph shows the inlet (East Main Street Bridge) to the upstream outlet channel, which leads to the dam. The dam is about 50 feet downstream of this roadway embankment, and natural ground area.



PHOTO NO. 2 - This photograph shows the downstream face of the stone masonry dam. Its dimensions are 15± feet long by 8± feet high. The area adjacent to the downstream brook channel is undeveloped except for several roads.

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